

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
3 March 2005 (03.03.2005)

PCT

(10) International Publication Number  
**WO 2005/018402 A3**

(51) International Patent Classification<sup>7</sup>: **A47L 5/30**,  
9/04, 7/00

[US/US]; 99 Windflower N.E., Comstock Park, MI 49321  
(US).

(21) International Application Number:  
PCT/US2004/026952

(74) Agent: MC GARRY, John, E.; McGarry Bair PC, 171  
Monroe Ave. NW, Suite 600, Grand Rapids, MI 49503  
(US).

(22) International Filing Date: 20 August 2004 (20.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/481,277 22 August 2003 (22.08.2003) US  
60/521,253 19 March 2004 (19.03.2004) US

(71) Applicant (for all designated States except US): BIS-  
SELL HOMECARE, INC. [US/US]; 2345 Walker  
Avenue, N.W., Grand Rapids, MI 49501 (US).

(72) Inventor; and

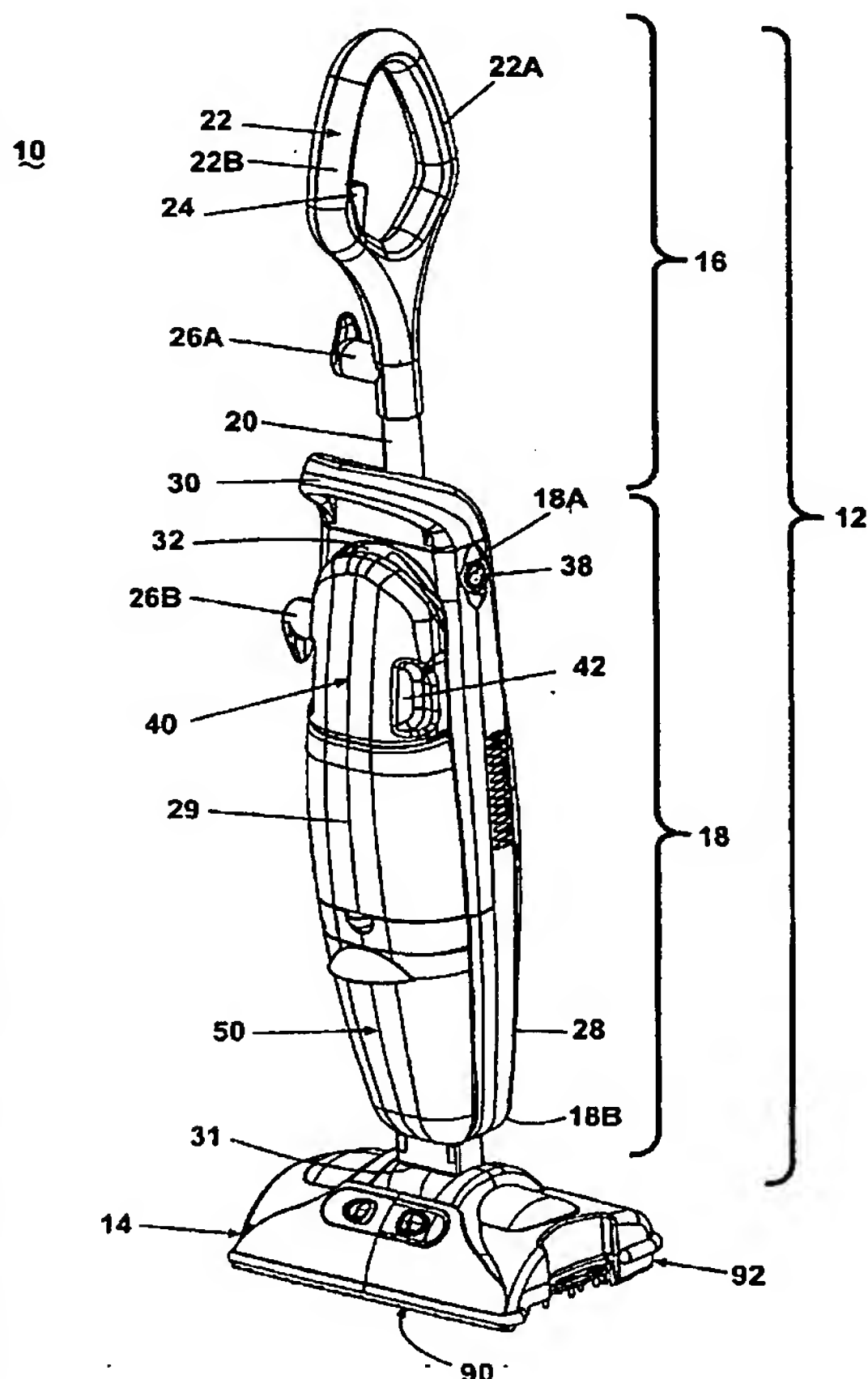
(75) Inventor/Applicant (for US only): JANSEN, John, L.

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: WET/DRY BARE FLOOR CLEANER



(57) Abstract: A bare floor cleaner for wet and dry bare floor surfaces comprises a base with wet and dry suction nozzles and a handle pivotally connected to the base. A diverter mounted in the working air conduit between each of the dry suction nozzle and the wet suction nozzle to a recovery tank is movable by movement of the handle between a dry suction position and a wet suction position for selectively at least partially blocking working air flow from the wet suction nozzle and the dry suction nozzle, respectively, to the recovery tank.



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

**(88) Date of publication of the international search report:**

19 May 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*